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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Chad A. MIRKIN et al.

Title: PEPTIDE AND PROTEIN ARRAYS AND DIRECT-WRITE  
LITHOGRAPHIC PRINTING OF PEPTIDES AND PROTEINS

Appl. No.: 10/788,414

Filing Date: 03/01/2004

Examiner: Leon Yun Bon Lum

Art Unit: 1641

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date

October 14, 2005

By

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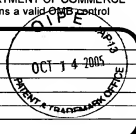
Date Submitted: October 11, 2005

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**Complete if Known**

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|------------------------|------------------|
| Application Number     | 10/788,414       |
| Filing Date            | 03/01/2004       |
| First Named Inventor   | Chad A. Mirkin   |
| Group Art Unit         | 1841             |
| Examiner Name          | Leon Yun Bon Lum |
| Attorney Docket Number | 083847-0235      |

**U.S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
|                    |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
|                    | B1                    | 5,039,458            |                                   | Braatz et al.                                   | 08-13-1991                                       |   |
|                    | B2                    | 5,747,334            |                                   | Kay et al.                                      | 05-05-1998                                       |   |
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|                    | B13                   | 2003/0182004         | A1                                | Mirkin et al.                                   | 08-28-2003                                       |   |
|                    | B14                   | 2003/0185967         | A1                                | Eby et al.                                      | 10-02-2003                                       |   |
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|                    | B17                   | 10/375,060           |                                   | Dupeyrat et al.                                 | 02-28-2003                                       |   |

**FOREIGN PATENT DOCUMENTS**

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|--------------------|-----------------------|-------------------------|---------------------|--|--|---|----------------|
|                    |                       | Office <sup>3</sup>     | Number <sup>4</sup> |  |  |   |                |
|                    | B18                   | WO                      | 96/31625            | Cytogen  | 10-10-1996                                       |   |                |
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**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>6</sup> |
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Examiner  
Signature

/Nelson Yang/ (07/06/2010)

Date

Considered

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|                    | B34                   | MADOU, M. J., <i>Fundamentals of Microfabrication, The Science of Miniaturization</i> , 2 <sup>nd</sup> Ed., CRC Press, pp. 68-69 (Protein patterning), 2002.   |                |
|                    | B35                   | MADOU, M. J., <i>Fundamentals of Microfabrication, The Science of Miniaturization</i> , 2 <sup>nd</sup> Ed., CRC Press, pp. 159-169 (deposition & arraying methods of organic layers in BIOMEMS), 2002.   |                |
|                    | B36                   | MADOU, M. J., <i>Fundamentals of Microfabrication, The Science of Miniaturization</i> , 2 <sup>nd</sup> Ed., CRC Press, pp. 435-439 (primary, secondary, tertiary, and quaternary structures and synthesis by ribosomes), 2002.                                 |                |
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| <b>Examiner Name</b>          | Leon Yun Bon Lum |
| <b>Attorney Docket Number</b> | 083847-0235      |

Sheet 3 of 3

## NON PATENT LITERATURE DOCUMENTS

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